



Mr. B's Lab: How To Solder

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TOOLS:

- [soldering iron, solder, solder removal tools \(1\)](#)



PARTS:

- [Project enclosure/ parts \(1\)](#)

SUMMARY

This will show you how to solder PCBs. Please check out this video to learn more:

Step 1 — Get to know your soldering iron.



- Choose one that is between 20 and 40 watts.
- If your working in an area that has no 120V outlets, use a cordless one.

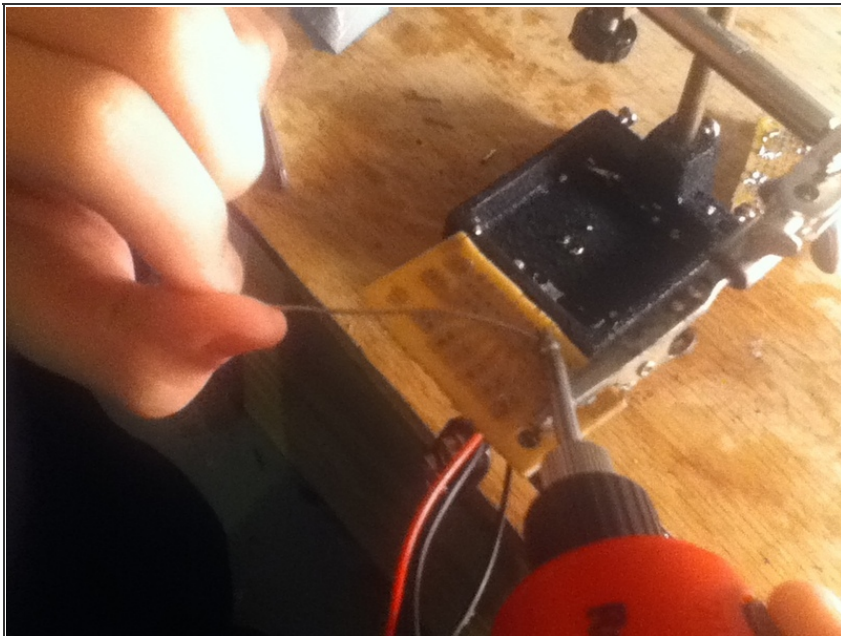


Step 2 — Choose a tip for your soldering iron.



- You should use either a conical tip or a chisel tip.

Step 3 — Now let's begin to solder.



- Put the iron so that it can heat the wire and the pad you're soldering to. Then put the solder at the other side of the wire. Once you're done, the joint should look shiny silver. Now you know the basics of electronic soldering.
- Be extremely careful when working because the soldering iron gets to about 700 degrees.



Now you should know the basics of soldering.

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